

DEPARTMENT OF THE ARMY
Omaha District, Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

:NOTICE: Failure to acknowledge : Solicitation No. W9128F-04-B-0008
:all amendments may cause rejec- :
:tion of the bid. See FAR : Date of Issue: 09 Feb 2004
:52.214-3 of Section 00100 : New Date of Opening: 14 Apr 2004

Amendment No. 0002
02 March 2004

SUBJECT: Amendment No. 0002 to Specifications and Drawings for Construction of
Perry Creek Flood Protection, Phase 4, Sioux City, IA
Solicitation No. W9128F-04-B-0008.

TO: Prospective Bidders and Others Concerned

1. The specifications and drawings for subject project are hereby modified as follows (revise all specification indices, attachment lists, and drawing indices accordingly).

a. Specifications. (Descriptive Changes.)

(1) Page 00010-1, delete date and time of bid opening shown and substitute "14 Apr 2004" at "2:00 pm".

(2) Section 02220 Page 5, delete paragraph 3.4.1.2 "Items Salvaged For The City Of Sioux City" in its entirety.

(3) Section 02310 Page 9, paragraph 3.3.1. in third sentence delete ". . . equal to 60% of the diameter . . ." and substitute delete ". . . equal to 50% of the diameter . . ."

(4) Section 02310 Page 10, paragraph 3.3.4, in next to last sentence, delete "if required" and substitute "where indicated on the drawings."

(5) Section 02832 Page 3, paragraph 1.2.b delete "Drainage Aggregate." and substitute "Free Draining Aggregate."

(6) Section 02832 Page 5, paragraph 2.3.b, delete "Aggregate Base material for the wall leveling pads shall meet . . ." and substitute "Aggregate base leveling pad shall meet . . ."

b. Specifications (New and/or Revised and Reissued). Delete and substitute or add specification pages as noted below. The substituted pages are revised and reissued with this amendment.

Pages Deleted

Pages Substituted or Added

Attachment Photos to Section 02220

c. Drawings (Not Reissued). The following drawing sheets are revised as indicated below with latest revision date of 02 March 2004. These drawings are not reissued with this amendment.

(1) Sheet S-2, note near top of drawing delete "REMOVE RAISED GARAGE FOUNDATION AS REQUIRED FOR CHANNEL GRADING," and substitute "REMOVE RAISED GARAGE FOUNDATION AND FLOOR SLAB IN ENTIRETY AND GRADE TO MATCH SURROUNDING AREA."

(2) Sheet S-16, delete Section 2 and Section 3 and substitute attached revised Section 2 and Section 3 and new "BASE PLATE DETAIL."

- (3) Sheet S-17,
- a) Delete detail "TYPICAL INVERTED T-WALLS, TYPE A-G" and substitute attached revised "TYPICAL INVERTED T-WALLS, TYPE A-G."
 - b) Detail "SEGMENTAL CONCRETE BLOCK GRAVITY RETAINING WALL" delete "6" MIN. COMPACTED GRANULAR BASE," and substitute "6" MIN. COMPACTED AGGREGATE BASE LEVELING PAD."

- (4) Sheet S-20,
- a) Detail "AUTOMATIC FLAP GATE" at beginning of note, delete "EXPANSION ANCHORS . . ." and substitute "GALVANIZED EXPANSION ANCHORS . . ."
 - b) Detail "FLAP GATE TO RCP CONNECTION" delete "EXPANSION BOLTS" and substitute "GALVANIZED EXPANSION BOLTS."
 - c) Detail "BEDDING DETAILS," delete "SEE SPECIFICATION SECTION 02722 . . ." and substitute ""SEE SPECIFICATION SECTION 02310 . . ."
 - d) Note 3, delete "contraction joint," and substitute "construction joint."

(5) Sheet S-21, Section 1, refer to the three vertical lines identified as "CJ." At the center line extending from note "EL 1095.00" to note "EL 1113.67" delete "CJ" and substitute "EJ in walls only."

2. This amendment is a part of the bidding papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the specifications remain unchanged. If the bids have been mailed prior to receiving this amendment, you will notify the office where bids are opened, in the specified manner, immediately of its receipt and of any changes in your bid occasioned thereby.

a. Hand-Carried Bids shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Bids shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

3. Bids will be received until 2:00 p.m., local time at place of bid opening, 14 April 2004.

U.S. Army Engineer District, Omaha
Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

02Mar2004 MFS/4411



BLUFF STREET BRIDGE

SUPERSTRUCTURE: CAST-IN-PLACE CONCRETE T-BEAMS WITH INTEGRAL DIAPHRAMS,
ACC OVERLAY ON PART, THICKENED SIDEWALK.

DECK AREA: 47' X 67' WITH CONCRETE FLARES (ONE EACH END).

TYPE OF RAILING: CONCRETE AND BRICK.

UTILITIES AT BRIDGE: 6" WATER (EAST SIDE).

12" PIPES DAYLIGHT IN ABUTMENTS AND CONCRETE WINGWALL.
(2 IN SOUTH ABUTMENT)
(1 IN NORTH ABUTMENT)
(1 IN WING WALL)

TYPE OF PIERS: NONE

TYPE OF ABUTMENTS: HIGH CONCRETE ABUTMENTS W/ INTEGRAL CONCRETE WING
ON NE SIDE.

RETAINING WALLS: TIMBER PILES AND WOOD PLANKS (SOUTH ABUTMENT).

FENCING- CHAIN LINK (SW): WOOD (SE, NE, NW)

FOUNDATIONS: UNKNOWN, FOOTINGS OR PILES ARE HIDDEN.



MARKET STREET BRIDGE

SUPERSTRUCTURE: CAST-IN-PLACE CONCRETE T-BEAMS WITH INTEGRAL DIAPHRAMS
AND ACC OVERLAY.

DECK AREA: 48.8' X 41.8'

TYPE OF RAILING: CONCRETE BALUSTER AND HANDRAIL.

UTILITIES AT BRIDGE: 12" WATER ON EAST SIDE.

12" GAS ON WEST SIDE.

4" PIPE THROUGH DIAPHRAMS

CHECK VALUE AT BOTTOM OF SOUTH ABUTMENT.

TYPE OF PIERS: NONE

TYPE OF ABUTMENTS: HIGH CONCRETE ABUTMENTS WITH INTEGRAL CONCRETE WING
ON ALL SIDE.

RETAINING WALLS: CONCRETE BALUSTER AND HANDRAIL ON TOP OF SOUTH WINGS.

FOUNDATIONS: UNKNOWN, FOOTINGS OR PILES ARE HIDDEN.



12TH STREET BRIDGE (STEEL BEAMS REMOVED AFTER PHOTO)

SUPERSTRUCTURE: STEEL MUTI-BEAMS AND WOOD PLANKS HAVE BEEN REMOVED

DECK AREA: DECK HAS BEEN REMOVED

TYPE OF RAILING: PIPE RAIL W/ WIRE MESH FENCE (NORTH), STEEL BARRIER AT EAST.

UTILITIES AT BRIDGE: 24" CMP (SOUTHEAST WING).

18" CMP (EAST BACKWALL).

TYPE OF PIERS: NONE

TYPE OF ABUTMENTS: TIMBER PILES W/ CONCRETE CAP & TIMBER BACKWALL AT EAST.
CONCRETE (TIMBER PILE SUSPECTED) AT WES

RETAINING WALLS: TIMBER PILES WITH CONCRETE CAP

FOUNDATIONS: UNKNOWN, FOOTINGS OR PILES ARE HIDDEN.



MAIN STREET BRIDGE

SUPERSTRUCTURE: CAST-IN-PLACE CONCRETE T-BEAMS
WITH INTEGRAL DIAPHRAMS WITH ASPHALT OVERLAY.

DECK AREA: 42.5' X 50.4'

TYPE OF RAILING: CONCRETE BALUSTER AND HANDRAIL.

UTILITIES AT BRIDGE: 24" STORM AT SOUTH.

12" CHECK VALVE SOUTHWEST WING.

12" WATER THROUGH DIAPHRAMS.

TYPE OF PIERS: NONE

TYPE OF ABUTMENTS: CONCRETE HIGH ABUTMENTS

RETAINING WALLS: CONCRETE, INTEGRAL WITH ABUTMENT.

TIMBER PILES WITH TIMBER WALLS EXTENDING

PAST BOTH SIDES OF WEST ABUTMENT

FOUNDATIONS: UNKNOWN, FOOTINGS OR PILES ARE HIDDEN.



WEST 13TH STREET BRIDGE

SUPERSTRUCTURE: STEEL MULTI-BEAM WITH CONCRETE DECK AND ACC OVERLAY.

DECK AREA: 77' X 33'

TYPE OF RAILING: CONCRETE POST W/ STEEL TUBE (HALF GONE ON SOUTHWEST).

UTILITIES AT BRIDGE: SANITARY MANHOLES, EAST AND WEST ABUTMENTS

84" CMP (SOUTH OF WEST ABUTMENT).

4" PIPE (SOUTH ABUTMENT).

TYPE OF PIERS: 1- TIMBER PILE WITH CONCRETE CAP.

TYPE OF ABUTMENTS: CONCRETE INTEGRAL ABUTMENTS (ASSUMED ON TIMBER PILES).

RETAINING WALLS: TIMBER PILE AND BACKWALL EXTENDING SOUTH

TO 13TH. & MAIN BRIDGE.

SHEET PILING (SOUTHWEST).

SMALL CONCRETE WINGS OTHER ABUTMENT ENDS (ASSUMED)

SLOPE PROTECTION: CONCRETE.

FOUNDATIONS: ASSUMED ALL TIMBER PILING.



14TH STREET BRIDGE

SUPERSTRUCTURE: STEEL BEAMS,
CONCRETE DECK WITH RAISED SIDEWALKS, ASPHALT OVERLAY

DECK AREA: 52' X 31'

TYPE OF RAILING: CONCRETE PICKET

UTILITIES AT BRIDGE: OVERHEAD ELECTRIC

SANITARY SEWER

WATERMAIN

STORM SEWER

TYPE OF PIERS: NONE

ABUTMENTS: CONCRETE HIGH ABUTMENTS WITH CONCRETE WINGS

RETAINING WALLS: TIMBER PILE AND PLANK EXTENDING FROM CONCRETE WINGS

FOUNDATIONS: UNKNOWN, FOOTINGS OR PILES ARE HIDDEN.

FENCING - CHAIN LINK FENCE AND WOOD PICKET FENCE



COOK STREET BRIDGE

SUPERSTRUCTURE: STEEL MULTI-BEAM WITH CONCRETE DECK WITH RAISED
SIDEWALKS, ACC OVERLAY

DECK AREA: 37.5'X59.0'

TYPE OF RAILING: STEEL BALUSTER AND HANDRAIL WITH CONCRETE ENDS.

UTILITIES AT BRIDGE: 24" CMP (NORTHEAST WING).

12" CMP (NORTHWEST WING). BRIDGE:

18" PIPE (SOUTH ABUTMENT).

TYPE OF PIERS:

TYPE OF ABUTMENTS: CONCRETE HIGH ABUTMENTS WITH CONCRETE WINGS.

RETAINING WALLS: CONCRETE WITH TIMBER PILE AND PLANK EXTENDING FROM
NORTHWEST.

FENCING-CHAIN LINK FENCE TO NORTH.

FOUNDATIONS: UNKNOWN, FOOTINGS OR PILES ARE HIDDEN.



SHED AT HIGH SCHOOL TRACK



WEST 20TH STREET BRIDGE

SUPERSTRUCTURE: CONCRETE THRU-GIRDERS WITH TRANSVERSE FLOOR BEAMS

DECK AREA: 53.2'X37'

TYPE OF RAILING: CONCRETE.

UTILITIES AT BRIDGE: SLUCE GATE (SOUTHWEST).

4" ELECTRIC (EAST).

8" WATER (EAST).

12" STORM-NORTHWEST ABUTMENT.

TYPE OF PIERS: NONE

TYPE OF ABUTMENTS: CONCRETE HIGH ABUTMENTS.

RETAINING WALLS: CONCRETE TIMBER PILE AND PLAN ALONG SOUTHWEST.

FOUNDATIONS: UNKNOWN, FOOTINGS OR PILES ARE HIDDEN.



WEST 23RD STREET BRIDGE

SUPERSTRUCTURE: STEEL PONY TRUSS

DECK AREA: 32'X62' DECK HAS BEEN REMOVED

TYPE OF RAILING: NONE.

UTILITIES AT BRIDGE: 18"CMP (SOUTHEAST).

LIGHT POLES (NORTHWEST AND SOUTHEAST)

TYPE OF PIERS: NONE

TYPE OF ABUTMENTS: TIMBER PILE AND BACKWALL.

RETAINING WALLS: TIMBER PILE AND BACKWALL.

FOUNDATIONS: UNKNOWN, FOOTINGS OR PILES ARE HIDDEN.

COMMENTS: RAILING-BARRIER RAIL (EAST AND WEST).



WEST 26TH STREET BRIDGE

SUPERSTRUCTURE: CAST-IN-PLACE CONCRETE T-BEAMS WITH CONCRETE DIAPHRAMS,
ACC OVERLAY,

DECK AREA: (40.5' TO 56.7') X 51.8'

TYPE OF RAILING: CONCRETE AND BRICK.

UTILITIES AT BRIDGE: 6" WATER (NORTH).

6" WATER (IN DIAPHRAMS).

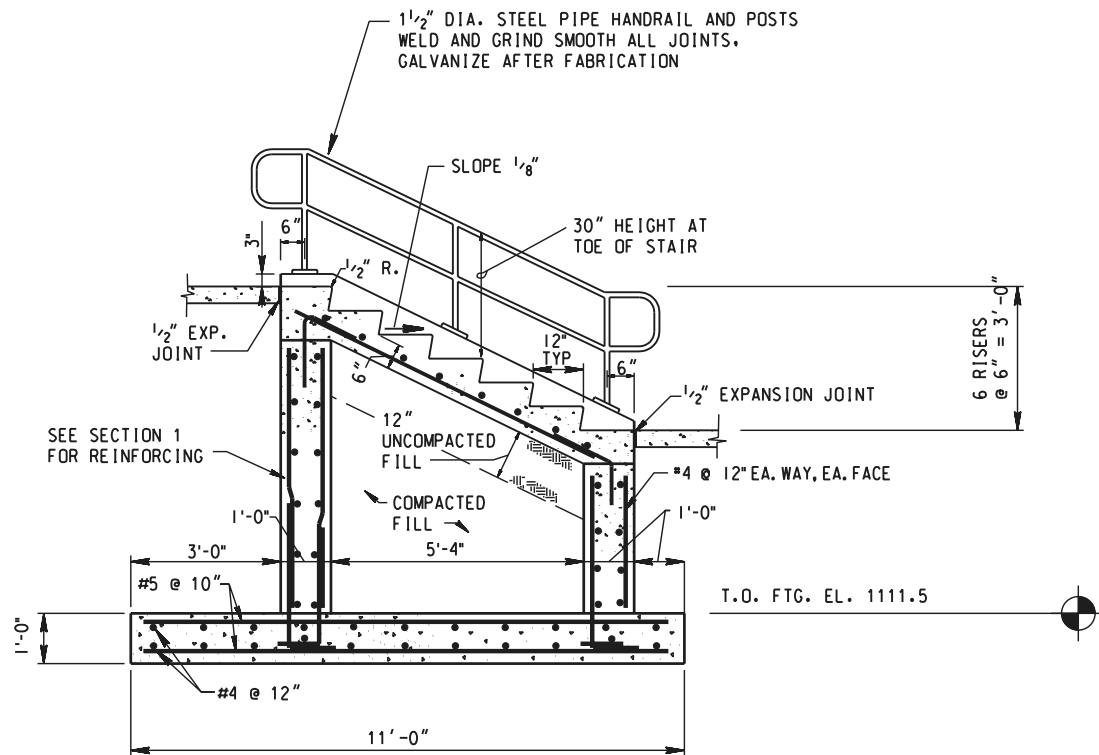
48" RCP (SOUTH OF WEST ABUTMENT).

TYPE OF PIERS: NONE

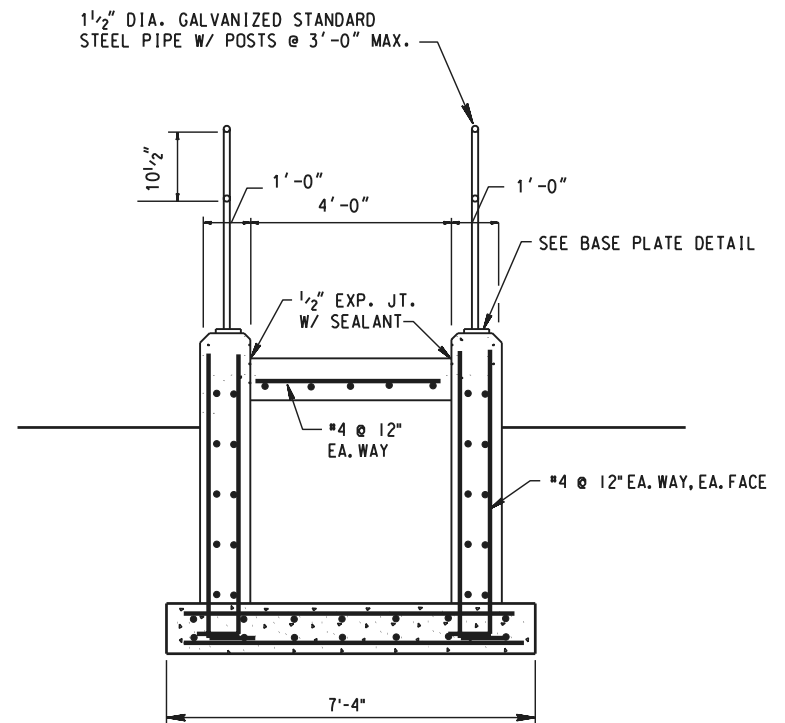
TYPE OF ABUTMENTS: CONCRETE HIGH ABUTMENTS.

RETAINING WALLS: CONCRETE.

FOUNDATIONS: UNKNOWN, FOOTINGS OR PILES ARE HIDDEN

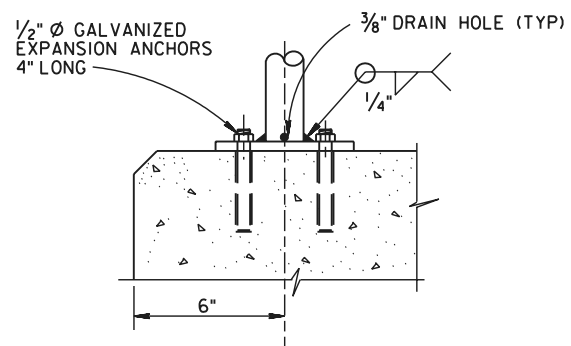
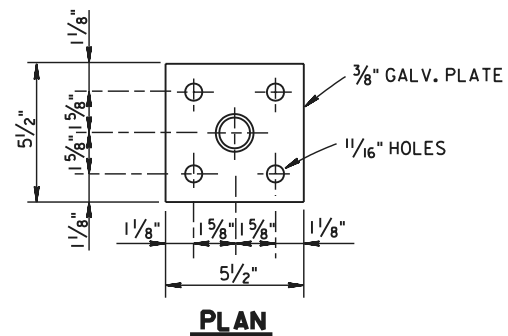


SECTION 2

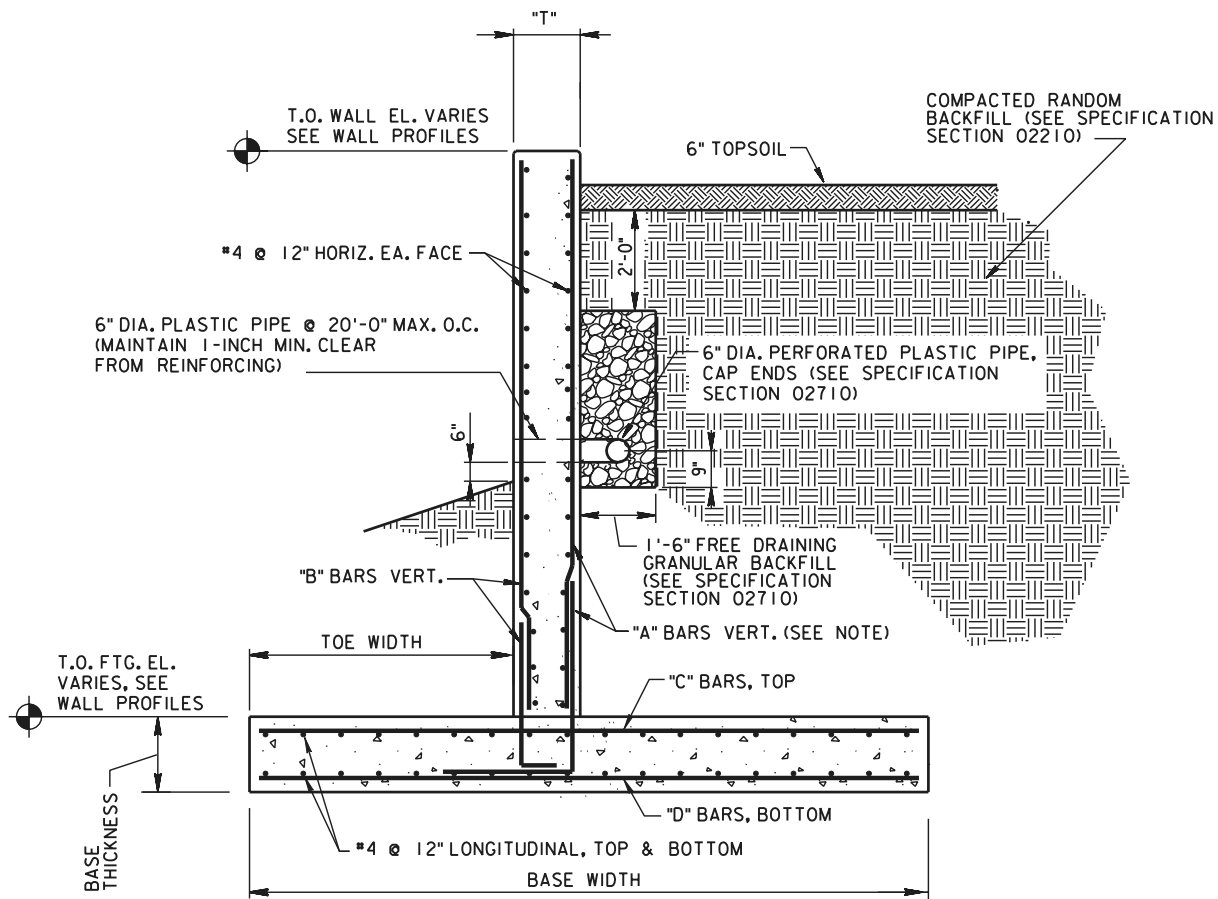


SECTION 3

**PERRY CREEK PHASE 4
DRAWING SHEET S-16
AMENDMENT NO. 0002**



PERRY CREEK PHASE 4
DRAWING SHEET S-16
AMENDMENT NO. 0002



NOTE:
HORIZONTAL LEGS OF BARS DESIGNATED 'A BARS VERT' SHALL BE 28 INCHES
FOR #6 BARS, 33 INCHES FOR #7 BARS, 37 INCHES FOR #8 BARS, AND 42 INCHES
FOR #9 BARS. HOOKS ON BARS DESIGNATED 'B BARS VERT' SHALL BE A
STANDARD HOOK OF 12 BAR DIAMETERS.

TYPICAL INVERTED T- WALLS, TYPES A-G

NO SCALE

PERRY CREEK PHASE 4
DRAWING SHEET S-17
AMENDMENT NO. 0002